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BUCH'S EXPERIMENTAL GARDEN

CREATIONS AND SPECIAL SELECTIONS

Typical Flower
GLADIOLUS ALTERNATUS



Originated by Philip O. Buch

FOR YOUR GUIDANCE

I grow everything listed herein - in the smallest experimental garden in the world. I am not a commercial grower - therefore do not ask for quotations on quantities greater than those offered. Commercial growers interested in disseminating my creations are invited to communicate with me. Inspection by appointment only.

Orders filled in rotation and delivered prepaid at proper planting time. Everything offered subject to prior sale. Six may be ordered at the dozen rate, where so shown. 50 at 100 rate.

TERMS - Cash with order. Post office or express money orders preferred, but checks accepted. Do not send stamps or foreign currency.

PHILIP O. BUCH

Originator of the Alternate-Petaled Gladiolus

106 Rockaway Avenue

ROCKAWAY, New Jersey

BU CREATIONS

My Own Originations — Not Obtainable Elsewhere.

GLADIOLUS ALTERNATUS

A NEW RACE OF HORTICULTURAL HYBRIDS developed in my experimental garden. The original first flowered in 1926 from a seed obtained from Luther Burbank. I have succeeded, since then, in transposing the "lip" petals of the ordinary gladiolus, thereby producing flowers in which the large and small petals alternate around the perianth. There are almost a score of gladiolus flower types, but this is the only one with symmetrical form. At this time I have, under various stages of propagation and test, over twenty new seedlings in many colors in addition to the named varieties listed below. The new ones will be offered in future lists as soon as my stocks permit. Be among the first to grow and exhibit these rare new sorts in your community.

19-TRIAL GARDEN REPORTS-36

From LEGION TRIAL GROUNDS, Spring Green, Wis.

Mr. E. A. Lins, Director:

"ALTERNATUS PREMIER - 80 days; 36 inches; 18 buds; 2 $\frac{3}{4}$ inches; 5 open. Willowy spike with perfect facing and spacing. Won a first at Wisconsin Show (1936) with only one spike available. Very attractive. Cherry red. Alternating small petals have cream blotch. A new race of glads worth trying."

Legionaire Buch salutes Legionaire Lins on his achievement.

From MARYLAND GLADIOLUS SOCIETY, Edgewood, Md.

Mr. H. V. Wright in charge.

"ALTERNATUS PREMIER - This is an interesting novelty, with petals of alternating color. Spikes were 42 inches high and carried 17 buds on 18 inch flower heads. Four 2 $\frac{1}{2}$ inch florets open in the field. Florets are of the reflex type and face upward. Placement was poor, and the color combination not particularly attractive. Should be of value in hybridizing."

(Evidently received too much nitrogen - it is not a tall-growing type. POB)

From the farthest north test gardens conducted by Prof. J. S. Shoemaker, University of Alberta, Edmonton, Canada:

"The Alternatus type is certainly a distinct break from the usual kinds. It would seem to have a definite place in the decorative classes."

THE fundamental principles of plant breeding are simple. The practical application of these principles demands the highest and most refined efforts of which the mind of man is capable, and no line of mental effort promises more for the elevation, advancement, prosperity and happiness of the human race.—Burbank.

The symmetry of its florets is quite unusual and striking. Alternatus Premier here bore on the average 22 florets per spike with 6 out, and grew to a height of 3 feet. The placement of florets was in all cases very good and the plants in general were very vigorous."

Thank you, Professor. I have mentioned in previous lists that the flowers present harmonious color combinations and are so uniformly placed that there is an entire lack of top-heaviness. The spikes have a light, airy grace and pleasing balance, and the blooms just smile skyward.

HERE THEY ARE:

ALTERNATUS PREMIER (1930) - Large petals self-colored cherry red, alternating small petals same, with cream blotch, dark red feathering. Small Decorative. Dozen, \$1.75 Bulblets, \$2.00 per 100. (76 days)

ALTERNATUS TRIAD (1935) - All six petals light violet-red with pale yellow blotch. Small Decorative. Each, \$1.00 (100days)

ALTERNATUS TRIANON (1936) - All six petals light red, with dark red plume on large petals and red-violet plume on alternating small petals. Small Decorative. Each, \$2.00 (103 days)

SEEDS OF GLADIOLUS ALTERNATUS - A Special Treat For Experimenters. Good results may be expected, but are not guaranteed. Naturally produced, saved from all varieties. Gladiolus zealots may obtain 25 seeds for 50 cents, and whatever comes out is your own.

EXTRA FLOWER SHOW PRIZES

For every BLUE RIBBON you win with any of my GLADIOLUS ALTERNATUS creations I will duplicate the value of the prize won with your own selections, of equivalent value, from this list. If ribbon only is awarded, you may select \$1.00 value from this list. A duplicate ribbon and certification of the show secretary, giving value of prize, must be mailed to me as proof.

MY ONLY STANDARD INTRODUCTION:

BERTHA L. BUCH - Large Decorative, with 5 or 6 five-inch flowers open. Deep rose pink with narrow creamy yellow blotch overlaid with ruby feather. Heavy spike, broad foliage. Four feet. 95 days. Each, 75¢ Bulblets, 75¢ dozen.

The following distinct novelties are offered for the first time in my list as being unusual:

ALONE (Partaine) - The only gladiolus in captivity having pockets and spurs like a columbine. Salmon pink with a silvery sheen. A real freak, most unusual. 2 for 35¢, \$2.00 per doz. Bulblets, 25¢ doz.

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FRAGRANT GLADIOLUS

All three varieties listed below have already produced fragrant seedlings for several hybridizers. I have grown them for two, three and four years, respectively, and have many coming on myself.

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INCENSE (Mrs. Miller) - A truly fragrant garden glad. Begonia rose with sulphur yellow throat. Emits the delicate fragrance of the tea rose IN THE GARDEN. Patented. Each, \$2.00 6 for \$10.00 (80 days)

WIBLOOM (Stevens) - Creamy white with carmine blotches. The earliest to bloom - 65 days. But faintly fragrant in a quiet room - not discernable outdoors. 2 for 35¢, \$2.00 dozen. Bulblets, 25¢ dozen.

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SWEET AND LOVELY (Purple) - A saffron-orange-rose combination, largest of the three. Fragrance about like the above. 25¢ each, \$2.50 dozen. Bulblets, 50¢ dozen. (79 days)

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HYBRIDIZING SERVICE - First time offered - Seeds from any cross you desire, involving the above three varieties, at \$5.00 per pod, which will be sent intact when ripe, by registered mail. If unsuccessful, fee returned.

LADY LUCK MIXTURE

Since my own experiments are now confined to the development of Gladiolus Alternatus and fragrant and hardy glads, all standard forms go into this mixture, excepting the small-flowered kinds, which are destroyed. All are either Large Decs or Exhibition types and many of the recent introductions are included. Good reports come in each year from the collections I send out.

Large,	\$1.00	dozen	\$6.50	hundred
Medium,	.75	"	5.00	"
Small,	.50	"	3.50	"

LADY LUCK BULBLETS

In addition to the above, this bulblet mixture contains the offspring of all unbloomed seedlings! I guarantee nothing - but some of the parents of these little fellows will one day be named. My bulblet collections have been so popular in the past that I continue to offer them. If well-grown a few will bloom this season, many will bloom next year, and practically all will bloom the third year, increasing meanwhile.

25¢ dozen \$1.25 hundred

LADY LUCK GLADIOLUS SEEDS

Do not confuse this with ordinary run-of-the-field seed from which little can be expected. Only a limited amount of seed is allowed to set naturally on selected specimens among my breeding stock. Potential blue ribbon winners are here. If you are endowed with the necessary patience, some very lovely seedlings should be your reward. 25 seeds for 25¢ \$1.00 hundred

BREEDER BULBLETS

A new departure in bulblet offerings. I have been breeding the red out of blue and yellow glads for some ten years and have a number of pure seedlings in both colors. The offspring of these breeders may fill a void in your garden or provide new material for your own experiments. First time offered - and scarce. Try some for surprises

Blue or Yellow Breeder Bulblets, 10¢ each

UNUSUAL

The following . . . are not generally found in gardens . . . and by planting these you will have something different to show your friends.

ACIDANTHERA BICOLOR - From Ethiopia. Exquisitely fragrant white flowers with chocolate blotches. 2 feet. Start in pot - starts growth late outdoors. Handle like gladiolus over winter. Each, 25¢ 3 for 65¢

A new *Acidantha* - *murielae* - will be introduced just as soon as stock can be increased.

BELAMCANDA CHINENSIS (Blackberry Lily) - Hardy perennial from China. Orange and red flowers in July, followed by bright red seed pods. Good for cutting and winter bouquets. Seeds, 20¢ pkt.

An as yet unidentified new species will be introduced in two or three years.

GLADIOLUS - Rare species which will bloom in your garden. Light soil. Store free from frost. -**dracocephalus** (Dragonhead Gladiolus) - From Natal. Hooded greenish-bronze flowers in August. Distinct novelty. 2 for 25¢, \$1.25 dozen. Bulblets, 25¢ dozen.

-**hybridus perennis** - Hardy hybrids in many colors. Have withstood 15 degrees below zero. Handle like tulips. Bloom in summer with the garden

- glads. Seeds, 50¢ pkt. First time offered.
No bulbs for two or three years.
- primulinus (Maid-of-the-Arist) - From the foot of Victoria Falls, in central Africa. Dainty hooded yellow flowers. This species is responsible for some of the fragrance that has appeared from time to time in garden glads. Blooms late July. 2 for 35¢, \$1.75 dozen. Bulblets, 35¢ dozen. Seeds, 15¢ pkt.
- psittacinus (Parrot Gladiolus) - From Cape Colony. Hooded red and yellow flowers in August. 2 for 35¢, \$1.75 dozen. Bulblets, 35¢ dozen. Seeds, 15¢ pkt.
- - - - var. Cooperi - A beautiful yellow variant. Rare. From the South African plateau. Price on request.
- Quartinianus - From Ethiopia. Blood red with yellow throat. Late bloomer. Start in pot to avoid early frosts. Each, 50¢, \$5.00 dozen.
- HELEROCALLIS CALYPSO - Originated by Luther Burbank, this is pronounced by experts to be one of the finest of all day lilies. Deep lemon yellow. 4 feet. Blooms with H. fulva here. Seeds, 20¢ pkt. Hardy perennial.
- IRIS - Any good soil.
- dichotoma (Vesper Iris) - Hardy perennial, to 4 feet. Lavender flowers August to frost. Seeds, 15¢ pkt.
- - - - DUSK - A violet-flowered variety originating with me. A percentage of lavender reversions may be expected. Seeds, 50¢ pkt.
- - - - MOONLIGHT - A white-flowered variant, occasionally creamy or lavender suffused. Seeds, 50¢ pkt.
- Kaempferi (Japanese Iris) - Hardy perennial. Large, gracefully formed flowers in various combinations of blue and white. Seeds, 15¢ pkt.
- reticulata - From Persia. Early blooming hardy bulbous iris. Rich violet and gold, fragrant. Seeds, 50¢ pkt.
- Siberica (Siberian Iris) - Hardy perennial. Rich blue flowers in May and June. Good for cutting. Seeds, 15¢ pkt.
- LILIUM CANADENSE (Canada Lily) - Golden yellow, spotted maroon. Hardy as oaks. Seeds from eight-foot specimens, 15¢ pkt. Peaty soil.
- Montbretia, mixed hybrids, in yellow, orange and red shades. Gladiolus culture. Good for cutting. \$1.25 dozen
- Papaver orientale (Oriental Poppy) - Hardy perennial. New English hybrids ranging from pink to red. Not true from seed. Propagate desired shades by root cuttings. Seeds, 20¢ pkt.
- TIGRIDIA PAVONIA (Mexican Shell Flower) - Light soil, gladiolus culture. Bloom July to frost. Store in dry sand. Mixed, \$2.00 dozen.

